



**Stantec**

**Stantec Consulting Services, Inc.**  
1901 Nelson Miller Parkway  
Louisville, Kentucky 40223-2177  
Tel: (502) 212-5000  
Fax: (502) 212-5055

---

December 17, 2008  
File: LV2008008

**Kentucky Office of the 911 Coordinator/CMRS Board**  
200 Mero Street  
Frankfort, KY 40622

**Attention: Mr. Ralph Coldiron**

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit**  
**Monticello-Wayne County 911 Comm. Center**  
**305 North Main Street**  
**Monticello, KY 42633**

The Geospatial Audit of Monticello-Wayne County 911 Comm. Center located in Wayne County was conducted on 12/10/2008. Monticello-Wayne County 911 Comm. Center provides wireless 9-1-1 service for Wayne County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Monticello-Wayne County 911 Comm. Center meets this requirement.

#### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 10% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 66% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

# Stantec

December 17, 2008  
Mr. Ralph Coldiron  
Page 2 of 2

**Reference: CMRS Geospatial Audit**

## CONCLUSION

Mapping Component	<b><u>Meets audit criteria</u></b>
Field Data Component	<b><u>Does not meet audit criteria with</u></b> 10% of points tested meeting criteria
Wireless Data Component	<b><u>Meets audit criteria with</u></b> 66% of calls tested meeting criteria

Based on the results of the audit, Monticello-Wayne County 911 Comm. Center does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

**Stantec Consulting Services Inc.**

James B. Morse  
GIS Project Manager  
Tel: (502) 212-5044  
Fax: (502) 212-5055  
James.morse@stantec.com

Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

---

# PSAP Mapping Component Summary

---

**PSAP Name** Monticello-Wayne County 911 Comm. Center

**Address** 305 North Main Street

**Audit Date** 12/10/2008

**City** Monticello

**Audit Personnel** MCCORMICKS

**Contact** Stella Pogue

**Contact Title** 911 Director

Software	Version	Vendor
POWERMAP	3.01.91	POSITRON

## Mapping Layers Used

**Road Centerlines:** ☒

**Point Addresses:** ☒

**Ortho Photography:** ☐

**Other Layers:** ☒ Type of 'other' layers used by PSAP:

The map has 14 layers: Clinton County Roads, Clinton County Structures, Cumberland County Roads, Cumberland County Structures, Russell County Roads, Russell County Structures, Wane County Roads, Wayne County Structures, Cumberland ESN, Clinton ESN, Russell ESN, Wayne ESN, Russell County, Clinton County, Cumberland County

## Notes and Observations:

Significant issue with an outdated data set for accuracy.

Observations and comments: (1) This PSAP is part of the Wolf Creek Dam Viper project. This is the last PSAP to be completed as part of this project. (2) They are presently awaiting a new down load of data but are presently operation on the original data provided to get this system up and running. (3) Data for the map is locating addresses on the centerline of the road and most address appears to be GEO coded address. (4) Street names and address in some requested points were not identifiable by the system, especially KY Highway Street names and addresses. Addresses for these point were located by moving the pointer on the road until the address appeared.

The map was last updates 2 years ago, the frequency of updates is unknown. The data is obtained by the Lake Cumberland Area Development District - Dave Rowman. It is unknown who enters the data into the system.

The data from the map was obtained by George Penik and the wireless calls were obtained by Starkly Stenwell and Sara Shelton